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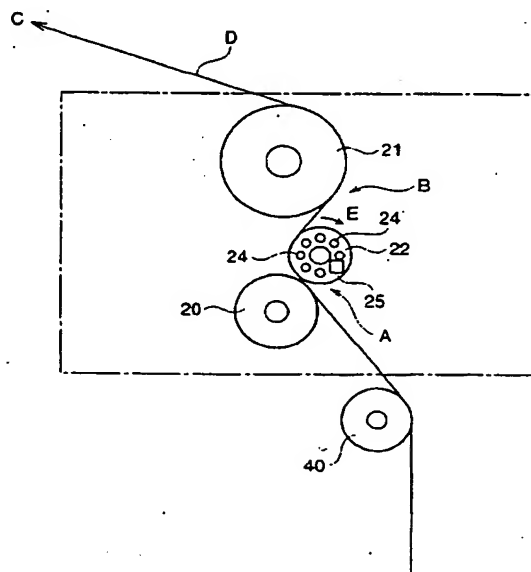
- Aizawa, Yosikatsu, c/o Strapack Corporation
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- Meguro, Tadashi, c/o Strapack Corporation
Kawasaki-shi, Kanagawa (JP)
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(54) A band feeding device

(57) The present invention provides a band feeding device 32 to dispense a band D. The band feeding device has a touch roller 22 with a plurality of detecting portions 24 provided at regular intervals on a side surface thereof. The touch roller is opposed to a band feeding rotating roller 20 and thereby constitutes a band feeding means. The band feeding device is also provided with a sensor 25 for detecting the detecting portions. In use, a length of the band is led from a band reel 28 through a driving operation of the band feeding means for winding onto an object w;W to be packed. When the length of the band led from the band reel for winding onto the object to be packed is insufficient, a further length of the band corresponding to the shortage is led from the band reel through a manual operation. The detecting portions of the touch roller thus moved through the manual operation are detected by the sensor and a result of the detection is supplied to a control section 29, and the length of the band required for subsequent band feeding through the driving operation is thereby automatically adjusted.

Fig. 2



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Fig. 2

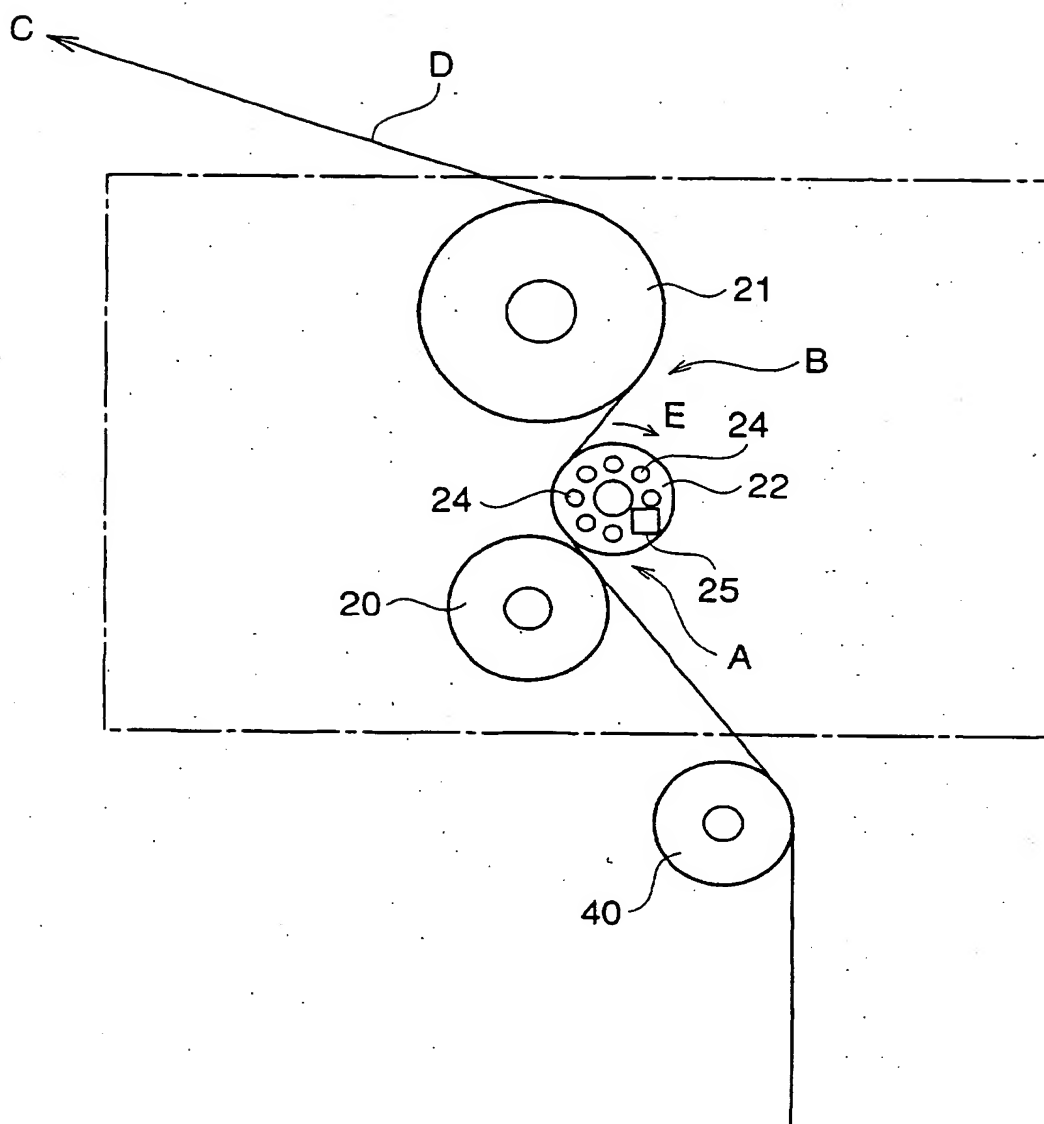


Fig. 3

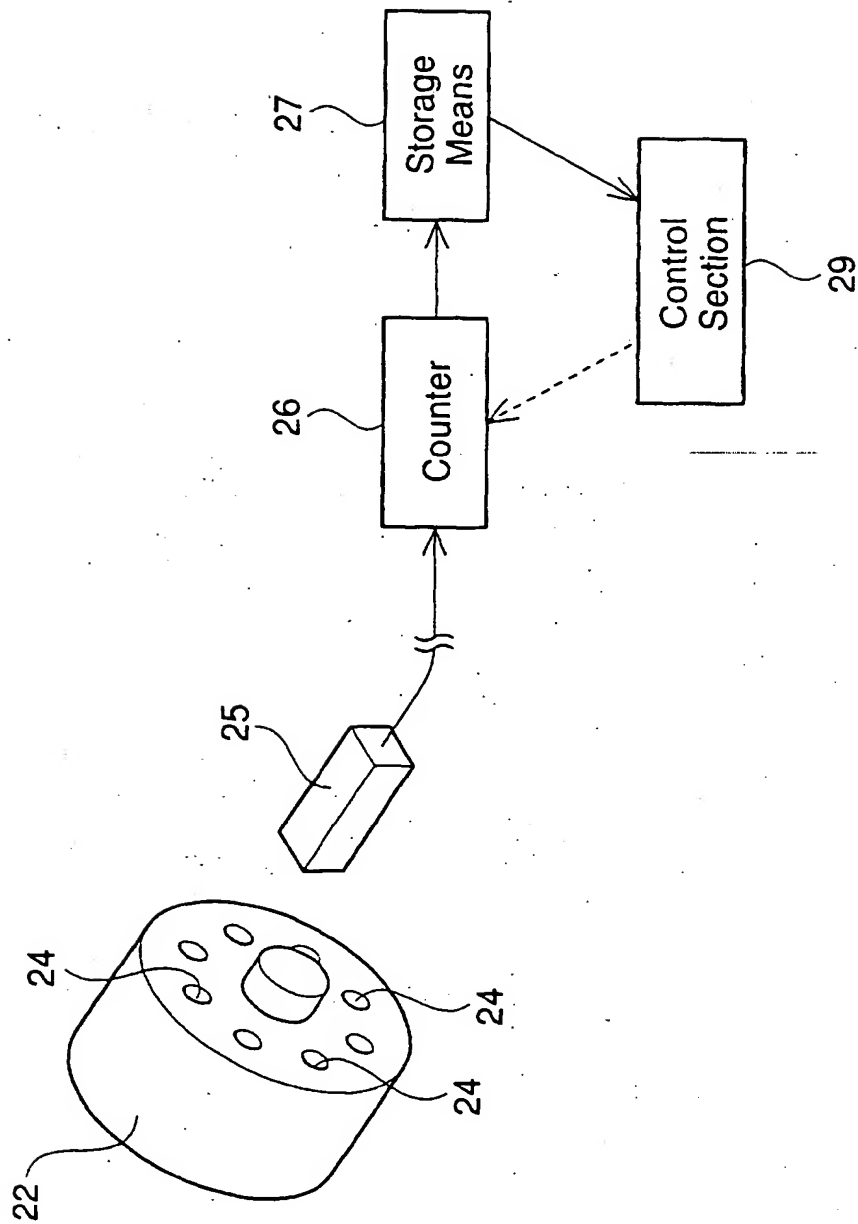


Fig. 4

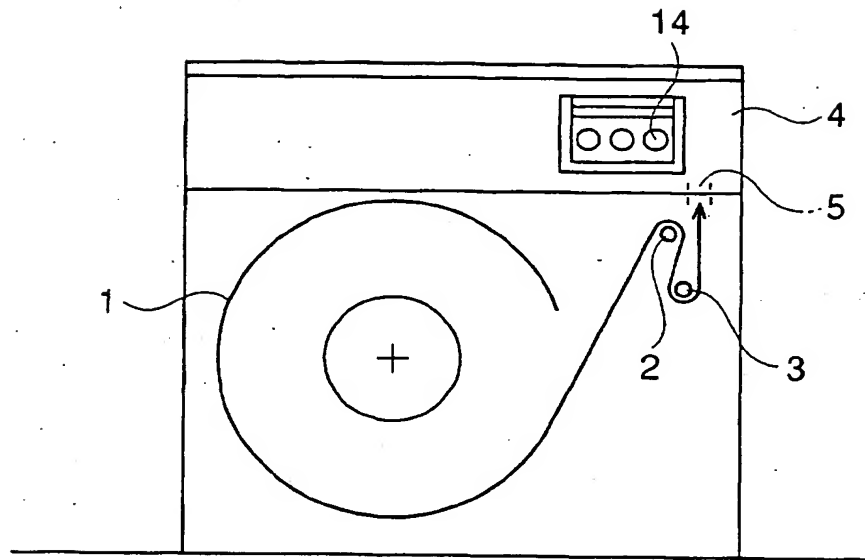


Fig. 5

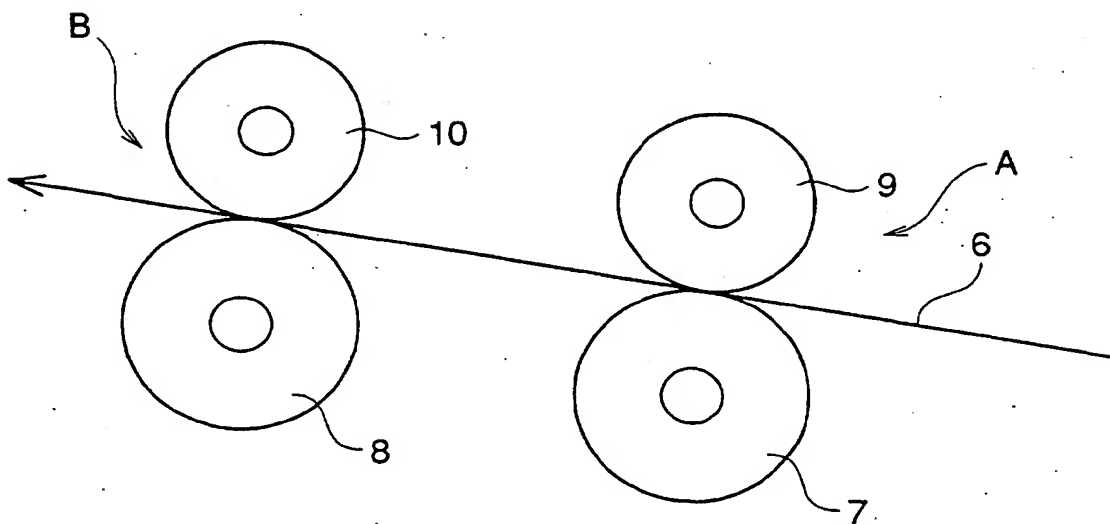
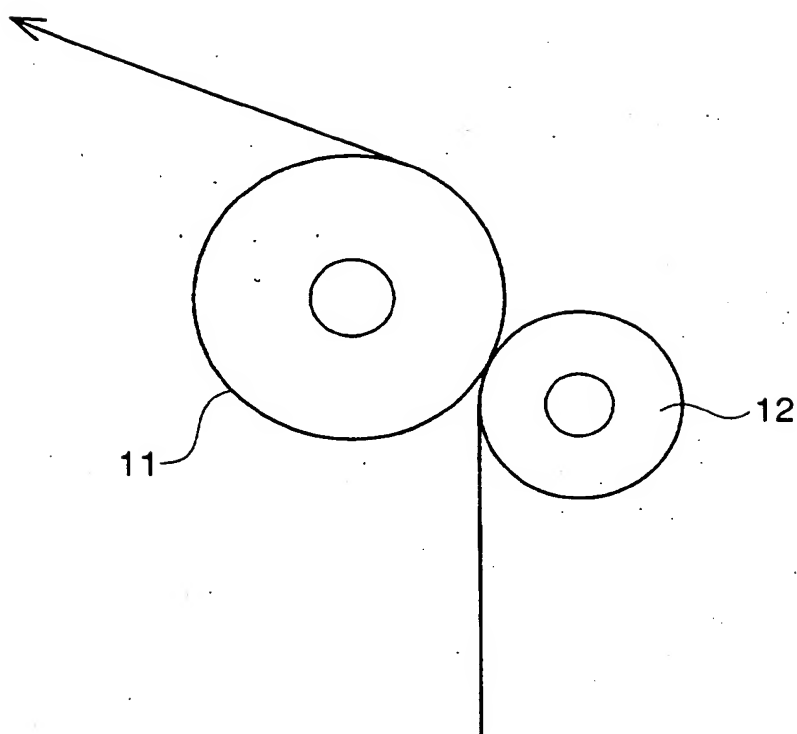
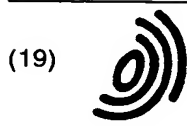


Fig. 6





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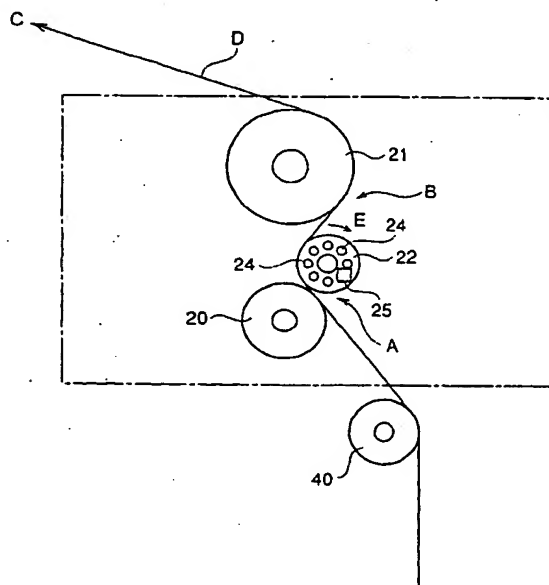
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Fig. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 6160

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 05, 30 June 1995 (1995-06-30) -& JP 07 040919 A (KIORITZ CORP), 10 February 1995 (1995-02-10) * abstract; figures 7,8 *	1-4	B65H16/00 B65H16/02
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B65H B65B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 May 2003	Examiner Janssens, G
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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